ATENT COOPERATION TREATY

	From the INTERNATIONAL BUREAU			
PCT	То:			
NOTIFICATION OF ELECTION (PCT Rule 61.2)	Assistant Commissioner for Patents Unit d States Patent and Trad mark Office Box PCT Washington, D.C.20231 ETATS-UNIS D'AMERIQUE			
Date of mailing (day/month/year) 24 October 2000 (24.10.00)	in its capacity as elected Office			
International application No. PCT/US00/04027	Applicant's or agent's file reference 00181-02			
International filing date (day/month/year) 18 February 2000 (18.02.00)	Priority date (day/month/year) 17 March 1999 (17.03.99)			
Applicant				
LAUFER, Gabriel				
1. The designated Office is hereby notified of its election made: X in the demand filed with the International Preliminary Examining Authority on: 18 September 2000 (18.09.00) in a notice effecting later election filed with the International Bureau on: 2. The election X was was not was not made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under				
Rule 32.2(b).				
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Nestor Santesso			
Facsimile No.: (41-22) 740.14.35	Telephone No.: (41-22) 338.83.38			

Form PCT/IB/331 (July 1992)

US0004027

PATENT COOPERATION TREATY

PCT

(PCT Article 36 and Rule 70)

REC'D 28 NOV 2000

REPORT

PCT

INTERNATIONAL PRELIMINARY EXAMINATION

Applicant's or agent's file reference 00181-02	FOR FURTHER ACTIO	R ACTION See Notification of Transmittal of Internation Preliminary Examination Report (Form PCT/IPEA/4		
International application No.	International filing date (day/month/year)		Priority date (day/month/year)	
PCT/US00/04027	18 FEBRUARY 2000		17 MARCH 1999	
International Patent Classification (IPC) or national classification and IPC IPC(7): G01N 21/29 and US C1.: 356/394, 320, 326, 328				
Applicant UNIVERSITY OF VIRGINIA PATENT	FOUNDATION			
Examining Authority and is 2. This REPORT consists of a This report is also accombeen amended and are th	transmitted to the applic total of sheets. panied by ANNEXES, i.e., e basis for this report and/o tion 607 of the Administra	ant according to sheets of the descor sheets containing	cription, claims and/or drawings which have ag rectifications made before this Authority.	
3. This report contains indications relating to the following items: I X Basis of the report II Priority III Non-establishment of report with regard to novelty, inventive step or industrial applicability IV Lack of unity of invention V X Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI Certain documents cited VII Certain defects in the international application VIII Certain observations on the international application				
Date of submission of the demand		Date of completion	of this report	
18 SEPTEMBER 2000		03 NOVEMBE	•	
Name and mailing address of the IPEA/I Commissioner of Patents and Traden Box PCT Washington, D.C. 20231	narks		STAFIRA _ LCICICIC CEJO	
Facsimile No. (703) 305-3230	1		(703) 308,4837	

Form PCT/IPEA/409 (cover sheet) (July 1998)*



INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US00/04027

1.	Ra	SIS OI T	he report			
1.	With	regard to	o the elements of the internal	tional application:*		
	x	-	ernational application as			
	=		scription:			
	X	uic des	1-68		as originally filed	
		pages .	NONE		, filed with the demand	
		pages		, filed with the letter of		
		pages .	NONE	, filed with the letter of		
	<u> </u>	the cla	ime:			
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	T.	the dra	iwings:			
	X	pages	- 1.6		as originally filed	
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	the language of a translation furnished for the purposes of international search (under Rule 23.1(b)). the language of publication of the international application (under Rule 48.3(b)).					
	the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/ or 55.3).					
3.		_		r amino acid sequence disclosed in the international out on the basis of the sequence listing:	application, the international	
	contained in the international application in printed form.					
	filed together with the international application in computer readable form.					
	furnished subsequently to this Authority in written form.					
	furnished subsequently to this Authority in computer readable form.					
	The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.					
	The statement that the information recorded in computer readable form is identical to the writen sequence listing has been furnished.					
4.	\mathbf{x}	The ar	nendments have resulted	in the cancellation of:		
		X t	he description, pages	NONE		
		X t	he claims, Nos.	NONE		
			he drawings, sheets/fig	NONE		
5			•	ome of) the amendments had not been made, since they	have been considered to go	
*	in th	acement	sheets which have been furni.	indicated in the Supplemental Box (Rule 70.2(c)).** shed to the receiving Office in response to an invitation und are not annexed to this report since they do not contain		
*			ment sheet containing such	amendments must be referred to under item 1 and ann	exed to this report.	



INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US00/04027

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
1. statement				
Novelty (N)	Claims Claims	1-61 NONE	_ YES _ NO	
Inventive Step (IS)	Claims Claims	1-61 NONE	YES NO	
Industrial Applicability (IA)	Claims Claims	1-61 NONE	_ YES _ NO	
 citations and explanations (Rule 7 Claims 1-61 meet the criteria set out in PCT remote senor in the configuration disclosed in 	Article 33(2)-(4). because the prior art does not teach or fairly suggest a nt claims.		
NONE				
			•	

Form PCT/IPEA/409 (Box V) (July 1998) \star

INTERNATIONAL SEARCH REPORT

International application No. PCT/US00/04027

A. CLASSIFICATION OF SUBJECT MATTER IPC(T) (SOIN 21/29) US CL. 336/394, 230, 236, 238 Recording to literational Peter Classification (PC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 356/394, 320, 236, 328 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched NONE Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) USPTO EAST C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X.P. US 6,010,665 A (Dosoretz et al.) 04 January 2000, (04/01/00) see entire document drining date and an which is non considered to be promutal relevant to the community of the promutal relevant to the promutal relev		- 		
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C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X.P US 6,010,665 A (Dosoretz et al.) 04 January 2000, (04/01/00) see cntire document. See patent family annex. ** Special categories of eited documents ** Special categories of eited documents obcument defining the general state of the art which is not considered obcument defining the general state of the art which is not considered to document defining the general state of the art which is not considered "A" obcument defining the general state of the art which is not considered to document which may those doubte on promy claim(1) or which a special reason (as specified) "C" document referring to an oral disclasure, use, exhibition or other special reason (as specified) "C" document referring to an oral disclasure, use, exhibition or other special reason (as specified) "C" document referring to an oral disclasure, use, exhibition or other means "F" document of praintical relevance the claimed invention asmost be considered to mivolve an inventive step when the documents is seen shore of the active step when the documents is combined with one or more other such documents, such combination or the means "F" document of praintical relevance the claimed invention asmost be considered to mivolve an inventive step when the documents is combined with one or more other such documents, such combination or the means "F" document of praintical relevance the claimed invention asmost be considered to mivolve an inventive step when the document is seen shore of the same patent family Date of the actual completion of the international search 13 JULY 2000 Name and mailing address of the ISA/US Commissioner of Patients and Trademarks Dos NCT MICHAEL P. STAFIRA clephone No. (703) 308-48.		tion searched other than minimum documentation to the	e extent that such documents are included in the fields sea	rched
Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X,P US 6,010,665 A (Dosoretz et al.) 04 January 2000, (04/01/00) see 1-61 Further documents are listed in the continuation of Box C. See patent family annex. Special eargories of cited documents: A document defining the general state of the art which is not considered to be of patentials relevance to be of patentials relevance on the principle of the principle or the principle or the principle or other such that application has dead on the considered to read the support of the considered or other special readen (a specified) Or document which may throw doubts on priority claim(s) or which as conditional referring to another citation or other special readen (a specified) Or document sublished prior to the international filing date that the document is used absenced. P document published prior to the international search Date of the actual completion of the international search 13 JULY 2000 Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Washington, D.C. 20231 Facsimile No. (703) 305-3230 Facsimile No. (703) 305-3230			ame of data base and, where practicable, search terms us	sed)
Further documents are listed in the continuation of Box C. See patent family annex.	C. DOC	CUMENTS CONSIDERED TO BE RELEVANT		
entire documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents. At document defining the general state of the an which is not considered to be of patentials relevance to be of patentials relevance and the publication date of another cutation or other special reason (as specified) To document which may throw doubts on priority claim(i) or which is cuted to exhibit the publication date of another cutation or other special reason (as specified) To document referring to an oral disclosure, use, exhibition or other means The document referring to an oral disclosure, use, exhibition or other document and the priority date claimed Date of the actual completion of the international search 13 JULY 2000 Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230	Category*	Citation of document, with indication, where a	propriate, of the relevant passages Relevant to c	olaim No.
Special categories of cited documents: "A document defining the general state of the art which is not considered to be of particular relevance "E* earlier document published on or after the international filing date "L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O* document referring to an oral disclosure, use, exhibition or other means "P* document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 13 JULY 2000 Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230 **T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken slone "Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken slone Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken slone Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken slone Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken slone Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken slone Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken slone Y* document of particular relevance; the claimed invention ca	X,P	US 6,010,665 A (Dosoretz et al.) 04 entire document.	January 2000, (04/01/00) see 1-61	
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"E" carlier document published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other means "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 13 JULY 2000 Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230 Authorized officer Authorized officer Authorized officer Authorized officer Columnational search to involve an inventive step when the document is taken alone considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document staken alone To document of particular relevance; the claimed novel or cannot be considered to involve	"A" doc	cument defining the general state of the art which is not considered	date and not in conflict with the application but cited to u	
document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document means. Date of the actual completion of the international search 13 JULY 2000 Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230 document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family Authorized officer MICHAEL P. STAFIRA Clephone No. (703) 308-48.7	"E" ear	lier document published on or after the international filing date	"X" document of particular relevance; the claimed invention considered novel or cannot be considered to involve an invention	
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